

Fe-Cr-Al Resistance heating alloy 【Resistance ·Length ·Weight】

Alloys KANTHAL D	Resistivity (23°C μΩm) 1.35
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Diameter (mm)	Diameter tolerance (mm)	cross section (mm ²)	Resistance tolerance (%)	Resistance (Ω/m)	Length (m/Kg)	Weight (g/m)
6.50		33.18		0.04068	4.157	240.6
6.00		28.27		0.04775	4.878	205.0
5.50		23.76		0.05682	5.806	172.2
4.00		12.57		0.1074	10.98	91.11
3.50		9.621		0.1403	14.34	69.75
2.90		6.605		0.2044	20.88	47.89
2.30		4.155		0.3249	33.20	30.12
2.00		3.142		0.4297	43.90	22.78
1.80		2.545		0.5305	54.20	18.45
1.60		2.011		0.6714	68.60	14.58
1.40		1.539		0.8770	89.60	11.16
1.20		1.131		1.194	122.0	8.200
1.10		0.9503		1.421	145.1	6.890
1.00		0.7854		1.719	175.6	5.694
0.90		0.6362		2.122	216.8	4.612
0.85		0.5675		2.379	243.1	4.114
0.80		0.5027		2.686	274.4	3.644
0.75		0.4418		3.056	312.2	3.203
0.70		0.3848		3.508	358.4	2.790
0.65		0.3318		4.068	415.7	2.406
0.60		0.2827		4.775	487.8	2.050
0.55		0.2376		5.682	580.6	1.722
0.50		0.1964		6.875	702.5	1.424
0.45		0.1590		8.488	867.3	1.153
0.40		0.1257		10.74	1098	0.9111
0.35		0.09621		14.03	1434	0.6975
0.30		0.07069		19.10	1951	0.5125
0.25		0.04909		27.50	2810	0.3559
0.23		0.04155		32.49	3320	0.3012
0.20		0.03142		42.97	4390	0.2278
0.18		0.02545		53.05	5420	0.1845
0.16		0.02011		67.14	6860	0.1458
0.15		0.01767		76.39	7805	0.1281
0.14		0.01539		87.70	8960	0.1116
0.13		0.01327		101.7	10392	0.09623
0.11		0.009503		142.1	14514	0.06890
0.10		0.007854		171.9	17562	0.05694

※ KANTHAL D, is a registered trademark of Sandvik AB